

SOLAR RADIO NOISE STORM AT 150.9 MHZ

FROM NANÇAY RADIOHELIOGRAPH

MARCH 2012

	HELIOPHOTOGRAPHIC POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START(UT)	END(UT)
01/03/12	+0.26	+0.56	I	08H35 E	11H22
03/03/12	-1.11	+0.47	I	08H35 E	15H33 D
04/03/12	-0.89	+0.56	III	08H35 E	14H58 D
05/03/12	-0.81	+0.31	III	08H25 E	15H33 D
06/03/12	-0.53	+0.24	III	08H33 E	15H32 D
07/03/12	-0.46	+0.36	III	08H34 E	15H32 D
08/03/12	-0.35	+0.36	II	08H33 E	15H31 D
08/03/12	+0.12	+0.36	I	08H33 E	15H31 D
09/03/12	+0.12	+0.08	II	08H33 E	15H31 D
10/03/12	+0.11	+0.13	I	08H48 E	15H31 D
11/03/12	+0.47	+0.31	II	08H45 E	15H31 D
12/03/12	-0.93	-0.22	I	08H32 E	15H30 D
12/03/12	+0.84	+0.69	I	08H32 E	11H27
13/03/12	-0.55	+0.21	I	12H51	15H30 D
15/03/12	-0.28	+0.29	I	08H22 E	15H30 D
17/03/12	+0.55	-0.50	I	08H47 E	15H29 D
18/03/12	+0.87	-0.41	II	08H32 E	15H29 D
19/03/12	+0.60	+0.06	I	08H30 E	15H29 D
19/03/12	+0.82	-0.75	I	08H30 E	15H29 D
20/03/12	+0.82	-0.72	I	08H31 E	14H25
24/03/11	-1.11	-0.27	I	08H29 E	15H27 D
28/03/12	+0.50	+0.06	I	10H29	14H20 D

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

² IMP1: FLUX<5 SFU IMP2: 5<FLUX < 20 SFU IMP3: 20<FLUX <100 SFU

IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

31/03/12	+1.09	+0.29	I	08H26 E	15H25 D
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SOLAR RADIO NOISE STORM AT 327 MHZ

FROM NANÇAY RADIOHELIOGRAPH

MARCH 2012

	HELIOPHYSICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START(UT)	END(UT)
01/03/12	+0.27	+0.47	I	08H35 E	12H08
02/03/12	-1.03	+0.38	I	10H14	15H33 D
02/03/12	+0.55	+0.40	I	13H26	15H33 D
03/03/12	-1.04	+0.42	I	08H35 E	15H33 D
03/03/12	-0.85	+0.56	I	08H35 E	15H33 D
03/03/12	+0.83	+0.38	I	08H35 E	15H33 D
04/03/12	-0.85	+0.52	V	08H35 E	14H58 D
05/03/12	-0.63	+0.49	II	08H25 E	15H33 D
05/03/12	+0.73	+0.28	II	08H25 E	15H33 D
06/03/12	-0.66	+0.29	II	08H33 E	15H32 D
06/03/12	-0.41	+0.45	II	08H33 E	15H32 D
07/03/12	-0.44	+0.40	I	08H34 E	15H32 D
07/03/12	-0.24	+0.44	I	08H34 E	15H32 D
08/03/12	-1.16	+0.23	I	08H33 E	15H31 D
08/03/12	-0.32	+0.37	I	08H33 E	15H31 D
08/03/12	+0.00	+0.46	II	08H33 E	15H31 D
09/03/12	+0.05	+0.31	I	08H33 E	15H31 D
09/03/12	+0.23	+0.45	I	08H33 E	15H31 D
09/03/12	+1.02	-0.64	I	08H33 E	15H31 D
10/03/12	+0.20	+0.31	I	08H48 E	15H31 D
10/03/12	+0.52	+0.40	I	08H48 E	15H31 D
10/03/12	+1.02	-0.60	I	08H48 E	15H31 D
11/03/12	-1.01	+0.30	I	08H45 E	15H31 D

11/03/12	-0.89	-0.39	I	08H45 E	15H31 D
11/03/12	+0.45	+0.35	I	08H45 E	15H31 D
12/03/12	-0.92	+0.31	I	08H32 E	15H30 D
12/03/12	-0.79	-0.43	I	08H32 E	15H30 D
12/03/12	+0.95	+0.44	I	11H35	15H30 D
13/03/12	-0.48	-0.28	I	08H32 E	15H30 D
13/03/12	-0.47	+0.17	I	08H32 E	15H30 D
13/03/12	+0.17	+0.39	I	08H32 E	15H30 D
14/03/12	-0.47	+0.21	I	08H32 E	15H30 D
15/03/12	-0.31	+0.30	I	08H22 E	15H30 D
15/03/12	+1.01	+0.58	I	08H22 E	15H30 D
16/03/12	-0.12	+0.29	I	08H31 E	15H29 D
17/03/12	+0.40	-0.21	I	08H47 E	15H29 D
17/03/12	+0.50	-0.52	I	08H47 E	15H29 D
18/03/12	+0.74	-0.50	I	08H32 E	15H29 D
18/03/12	+0.76	-0.31	I	08H32 E	15H29 D
19/03/12	+0.60	+0.19	I	08H30 E	15H29 D
23/03/12	-1.11	-0.33	I	08H44 E	15H27 D
24/03/12	-0.94	-0.36	I	08H29 E	15H27 D
25/03/12	-0.77	-0.43	I	08H29 E	15H27 D
26/03/12	-0.65	-0.27	I	08H29 E	15H26 D
27/03/12	-0.47	-0.23	I	08H29 E	15H26 D
28/03/12	-0.22	-0.22	I	08H29 E	14H20 D
29/03/12	+0.08	-0.37	I	12H34	15H25 D
31/03/12	+1.01	+0.29	I	08H26 E	15H25 D

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a mode detailed analysis leadind to increase uncertainties in the deviation , the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source
**** no flux measurements available

